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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

RAO, ANAND SHASHIKANT

ART UNIT PAPER NUMBER

2613

DATE MAILED: 08/31/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/912,869

Applicant(s)

MOTTUR ET AL.

Examiner

Andy S. Rao

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 June 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 66-127 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 66-127 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>2</u> . | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

Specification

1. The lengthy specification has not been checked to the extent necessary to determine the presence of all possible minor errors. Applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. Claims 66-127 are rejected under 35 U.S.C. 102(e) as being anticipated by Amini et al., (hereinafter referred to as "Amini").

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Amini discloses a method for providing control of at least one camera to at least one network user (Amini: column 20, lines 1-10), comprising: providing at least one network link between the at least one camera and the at least one network user (Amini: column 7, lines 5-20); providing at least one interface to the at least one network user (Amini: column 7, lines 26-43), the at least one interface for generating variable speed camera control commands (Amini: column 7, lines 50-63); and providing variable speed controls commands to the at least one camera (Amini: column 8, lines 64-68), as in claim 66.

Regarding claim 67, Amini discloses that the network link is at least one of fiber optic, infrared, satellite, radio frequency, microwave cable, and internet protocol communications (Amini: column 7, lines 13-18), as in the claims.

Regarding claim 68, Amini discloses that the interface is at least one of: an applet, application, one graphical user interface, one database interface, one scripting interface, one menu driven interface, and one text based interface (Amini: column 7, lines 40-45 & 55-60; column 8, lines 40-45; figures 10A-10C), as in the claim.

Regarding claim 69, Amini discloses providing a control area having a cursor that the at least one user can activate and thereafter provide the variable speed commands (Amini: column 14, lines 10-20; figures 10A-10C), as in the claim.

Regarding claim 70, Amini discloses determining a cursor position and generating the variable speed camera control commands based on the cursor position (Amini: column 8, lines 30-40), as in the claim.

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Regarding claim 71, Amini discloses wherein generating the variable speed camera control commands determining a distance of a cursor to the origin (Amini: column 8, lines 1-17), as in the claim.

Regarding claim 72, Amini discloses determining whether a cursor is active or inactive (Amini: column 8, lines 12-18), as in the claim.

Regarding claim 73, Amini discloses that the variable speed controls include at least one of pan, tilt, zoom, focus (Amini: column 5, lines 20-25) and preset commands (Amini: column 8, lines 13-18), as in the claim.

Regarding claim 74, Amini discloses providing variable speed camera control commands to the at least one camera includes transmitting the camera control commands using the at least one network link (Amini: column 7, lines 5-20), as in the claim.

Regarding claim 75, Amini discloses providing the user with compressed analog, digital, streaming audio and visual data, based on the at least one camera (Amini: column 6, lines 49-65), as in the claim.

Regarding claim 76, Amini discloses selecting the at least one network user to provide control of the at least one camera (Amini: column 6, lines 15-34), as in the claim.

Regarding claim 77, Amini discloses providing a queue for control of the at least one camera (Amini: column 13, lines 45-52), as in the claim.

Amini discloses a graphical user interface (Amini: column 15, lines 43-67; column 16, lines 1-21) for providing control of at least one camera to at least one network user (Amini: column 20, lines 1-10), the at least one network user and the at least one camera being connected by at least one communicative network link (Amini: column 7, lines 5-20), the GUI comprising: a control area (Amini: figures 10A-10C); a cursor

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confined within the control area (Amini: column 14, lines 13-17); and wherein variable speed camera control commands are generated based on the cursor position within the control area (Amini: column 7, lines 50-63) as in claim 78.

Regarding claim 79, Amini discloses wherein generating the variable speed camera control commands is based on the cursor distance from the origin designation (Amini: column 8, lines 1-17), as in the claim.

Regarding claim 80, Amini discloses that the GUI variable speed controls include at least one of pan, tilt, zoom, focus (Amini: column 5, lines 20-25) and preset command buttons (Amini: column 8, lines 13-18), as in the claim.

Regarding claim 81, Amini discloses a GUI including at least one location preset designation for directing the camera to fixed location (Amini: column 8, lines 18-23), as in the claim.

Regarding claim 82, Amini discloses having the cursor include an active or inactive mode (Amini: column 8, lines 12-18), as in the claim.

Regarding claim 83, Amini discloses wherein the control area includes a coordinate system for mapping cursor position to variable speed camera control commands (Amini: column 16, lines 1-20), as in the claim.

Regarding claim 84, Amini discloses wherein the control area includes a coordinate system for mapping cursor position to pan and tilt variable speed camera control commands (Amini: column 16, lines 1-20) as in the claim.

Amini discloses a method (Amini: column 20, lines 1-20) for administering control (Amini: column 15, lines 43-67; column 16, lines 1-21) of at least one camera by at least one network user (Amini: column 20, lines 1-10), comprising: associating at least

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one queue with the at least one camera (Amini: column 13, lines 45-51); receiving a request from the at least one user of the for control of the at least one camera (Amini: column 6, lines 15-20); associating the request with one of the least one camera (Amini: column 17, lines 35-63); conditionally placing the at least one network user in the at least one queue associated with the request (Amini: column 13, lines 60-67; column 14, lines 1-17), as in claim 85.

Regarding claim 86, Amini discloses determining that the network user is authorized to request control of the at least one camera (Amini: column 6, lines 13-17), as in the claim.

Regarding claim 87, Amini discloses determining whether the network user is a subscriber or non-subscriber (Amini: column 6, lines 25-35), as in the claim.

Regarding claim 88, Amini discloses determining if the network user can usurp control of the at least one camera (Amini: column 13, lines 60-67), as in the claim.

Regarding claim 89, Amini discloses associated a camera control time interval with a request (Amini: column 8, lines 12-17), as in the claim.

Regarding claims 90-91, Amini discloses providing an indication to assume camera control to the at least one network user (Amini: column 9, lines 25-47), as in the claims.

Amini discloses a system (Amini: figure 3) for remote control (Amini: column 15, lines 43-67; column 16, lines 1-21) of at least one camera by at least one network user (Amini: column 20, lines 1-10), comprising: at least one initiating device for providing access to the at least one network user over a network (Amini: column 6, lines 10-30), the initiating device having a display for displaying an interface for providing variable speed

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camera control commands (Amini: column 5, lines 45-50; column 16, lines 1-21)), and video data received from the at least one camera (Amini: column 17, lines 30-41), at least one server to receive the variable speed camera control commands from the at last one initiating device (Amini: column 7, lines 10-20), to provide the variable speed camera control commands to the at least one camera (Amini: column 7, lines 60-67), to receive at least one of audio and video data from the at least one camera (Amini: column 6, lines 49-65), and to provide at least one of the audio and video data to the at least one network user (Amini: column 12, lines 10-28); and instructions for translating the variable speed camera control commands to instructions for moving the at least one camera (Amini: column 7, lines 55-62), as in claim 92.

Regarding claim 93, Amini discloses that the initiating device includes at least one processor (Amini: column 5, lines 1-18), as in the claim.

Regarding claim 94, Amini discloses at least one queue associated with the camera (Amini: column 13, lines 45-51), as in the claim.

Regarding claim 95, Amini discloses that the interface is at least one of: one graphical user interface, one database interface, one scripting interface, one menu driven interface, and one text based interface (Amini: column 7, lines 40-45 & 55-60; column 8, lines 40-45; figures 10A-10C), as in the claim.

Regarding claims 96-100, Amini discloses that the interface includes a cursor and a control area, the control area having an origin, the cursor having an active and deactivated state, wherein the speed control commands are based on the distance between the activated cursor and the origin (Amini: column 14, lines 12-18; column 16, lines 1-20), as in the claims.

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Amini discloses a computer product (Amini: column 8, lines 50-55) for providing control of at least one camera to at least one network user (Amini: column 20, lines 1-10), the computer product disposed on a computer readable medium (Amini: column 7, lines 20-24) and having instructions for causing a processor to: provide at least one network link between the at least one camera and the at least one network user (Amini: column 7, lines 5-20); provide at least one interface to the at least one network user (Amini: column 7, lines 26-43), the at least one interface for generating variable speed camera control commands (Amini: column 7, lines 50-63); and provide variable speed controls commands to the at least one camera (Amini: column 8, lines 64-68), and utilize the at least one network link to provide the at least one network user with data based on the at least one camera (Amini: column 9, lines 20-48), as in claim 101.

Regarding claim 102, Amini discloses that the network link is at least one of fiber optic, infrared, satellite, radio frequency, microwave cable, and internet protocol communications (Amini: column 7, lines 13-18), as in the claims.

Regarding claim 103, Amini discloses that the interface is at least one of: an applet, application, one graphical user interface, one database interface, one scripting interface, one menu driven interface, and one text based interface (Amini: column 7, lines 40-45 & 55-60; column 8, lines 40-45; figures 10A-10C), as in the claim.

Regarding claim 104, Amini discloses providing a control area having a cursor that the at least one user can activate and thereafter provide the variable speed commands (Amini: column 14, lines 10-20; figures 10A-10C), as in the claim.

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Regarding claim 105, Amini discloses determining a cursor position and generating the variable speed camera control commands based on the cursor position (Amini: column 8, lines 30-40), as in the claim.

Regarding claim 106, Amini discloses wherein generating the variable speed camera control commands determining a distance of a cursor to the origin (Amini: column 8, lines 1-17), as in the claim.

Regarding claim 107, Amini discloses determining whether a cursor is active or inactive (Amini: column 8, lines 12-18), as in the claim.

Regarding claim 108, Amini discloses that the variable speed controls include at least one of pan, tilt, zoom, focus (Amini: column 5, lines 20-25) and preset commands (Amini: column 8, lines 13-18), as in the claim.

Regarding claim 109, Amini discloses selecting the at least one network user to provide control of the at least one camera (Amini: column 6, lines 15-34), as in the claim.

Regarding claim 110, Amini discloses providing a queue for control of the at least one camera (Amini: column 13, lines 45-52), as in the claim.

Amini discloses a computer product (Amini: column 8, lines 50-55) for administering control (Amini: column 15, lines 43-67; column 16, lines 1-21) of at least one camera by at least one network user (Amini: column 20, lines 1-10), the computer product disposed on a computer readable medium (Amini: column 7, lines 20-24) and having instructions for causing a processor to: associate at least one queue with the at least one camera (Amini: column 13, lines 45-51); receive a request from the at least one user of the for control of the at least one camera (Amini: column 6, lines 15-20); associate the request with one of the least one camera (Amini: column 17, lines 35-63);

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conditionally place the at least one network user in the at least one queue associated with the request (Amini: column 13, lines 60-67; column 14, lines 1-17), as in claim 111.

Regarding claim 112, Amini discloses determining that the network user is authorized to request control of the at least one camera (Amini: column 6, lines 13-17), as in the claim.

Regarding claim 113, Amini discloses determining whether the network user is a subscriber or non-subscriber (Amini: column 6, lines 25-35), as in the claim.

Regarding claim 114, Amini discloses determining if the network user can usurp control of the at least one camera (Amini: column 13, lines 60-67), as in the claim.

Regarding claim 115, Amini discloses associated a camera control time interval with a request (Amini: column 8, lines 12-17), as in the claim.

Regarding claim 116, Amini discloses determining that the network user is authorized to request control of the at least one camera (Amini: column 13, lines 60-67), as in the claim.

Regarding claims 117-118, Amini discloses providing an indication to assume camera control to the at least one network user (Amini: column 9, lines 25-47), as in the claims.

Amini discloses a system (Amini: figure 3) for remote control (Amini: column 15, lines 43-67; column 16, lines 1-21) of at least one camera by at least one network user (Amini: column 20, lines 1-10), comprising: means for providing access to the at least one network user over a network (Amini: column 6, lines 10-30), the means having a display for displaying an interface for providing variable speed camera control commands (Amini: column 5, lines 45-50; column 16, lines 1-21)), and video data

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received from the at least one camera (Amini: column 17, lines 30-41), processor means to receive the variable speed camera control commands from the at last one initiating device (Amini: column 7, lines 10-20), to provide the variable speed camera control commands to the at least one camera (Amini: column 7, lines 60-67), to receive at least one of audio and video data from the at least one camera (Amini: column 6, lines 49-65), and to provide at least one of the audio and video data to the at least one network user (Amini: column 12, lines 10-28); and instructions for translating the variable speed camera control commands to instructions for moving the at least one camera (Amini: column 7, lines 55-62), as in claim 119.

Regarding claim 120, Amini discloses that the initiating device includes at least one processor (Amini: column 5, lines 1-18), as in the claim.

Regarding claim 121, Amini discloses at least one queue associated with the camera (Amini: column 13, lines 45-51), as in the claim.

Regarding claim 122, Amini discloses that the interface is at least one of: one graphical user interface, one database interface, one scripting interface, one menu driven interface, and one text based interface (Amini: column 7, lines 40-45 & 55-60; column 8, lines 40-45; figures 10A-10C), as in the claim.

Regarding claims 123-127, Amini discloses that the interface includes a cursor and a control area, the control area having an origin, the cursor having an active and deactivated state, wherein the speed control commands are based on the distance between the activated cursor and the origin (Amini: column 14, lines 12-18; column 16, lines 1-20), as in the claims.

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Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Urisaka discloses a camera control system.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andy S. Rao whose telephone number is (703)-305-4813.

The examiner can normally be reached on Monday-Friday 8 hours.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chris S. Kelley can be reached on (703)-305-4856. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

asr
August 30, 2004

Andy S. Rao
Primary Examiner
Art Unit 2613

ANDY RAO
PRIMARY EXAMINER